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(54) Title: POROUS MATERIAL PRODUCT AND PROCESS**(57) Abstract**

A porous implant and method of making such is disclosed. A mold form material (164) is created by adhering solid particles together to form a porous network. A liquid phase of a final product is forced through the interstices of the mold form (164), and then most of the liquid material is forced out of the interstices leaving a thin coat (162). Next, the thin coat is cured to produce a thin coat of a polymer such as silicone rubber (162). Next, the mold form material (164) is dissolved out creating a porous structure containing only the cured polymer.

